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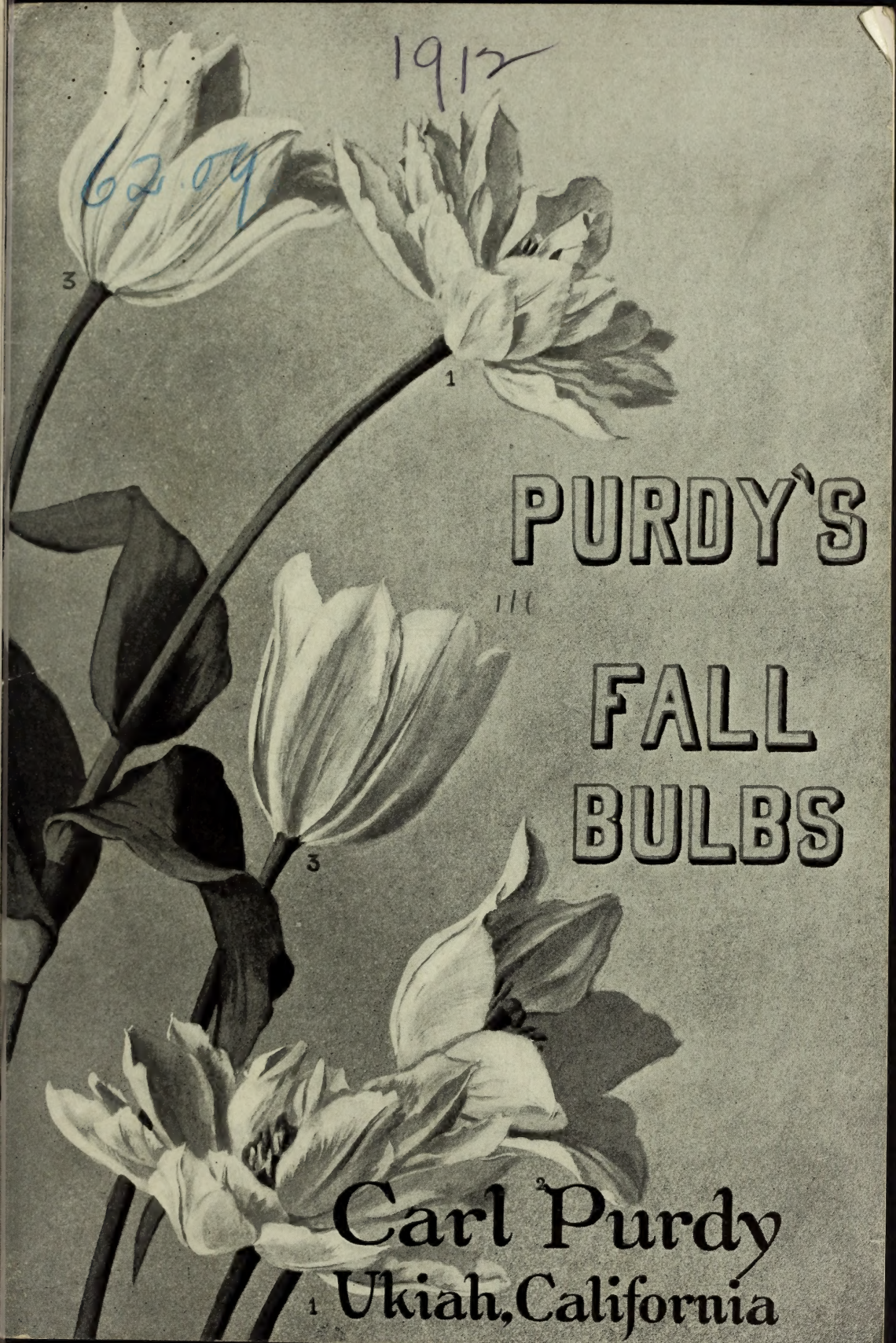


PURDY'S

FALL BULBS

Carl Purdy
Ukiah, California

Our Front and Back Covers

The beautiful designs for our cover pages were drawn by Mr. A. R. Valentine, an artist famous for his work in Rookwood pottery and also in flower-painting.

The flowers are keyed as follows: On front cover: No. 1, the soft pink, double tulip, Murillo. No. 2, the light yellow, early tulip, Prince De Ligny. No. 3, terra-cotta-colored, early tulip, Thomas Moore.

On back cover: No. 1, the scarlet tulip, Gesneriana major, which has a deep blue center. No. 2, the rich scarlet tulip, Mauriana, with a yellow eye. No. 3, the late tulip, Picotee, white, flushed scarlet. No. 4, another late tulip, Parisian Yellow, one of the best of this color.

Business Terms

Cash. Unless otherwise arranged, money must accompany the order.

Remittances under $1 can be made in stamps; over that amount, Money Orders or Checks are preferred.

Postage, Expressage, or Freight will be prepaid by me without cost to customer. Where there are express offices, I generally ship by express.

Safe Carriage Guaranteed. I guarantee that bulbs shall reach my customers in good order, and shall be of good quality. If they are not, the money will be refunded; but claims for damages must be made immediately upon arrival of goods.

Quality of Bulbs. My bulbs are as good as can be bought in America. Many of them are grown at my gardens at "The Terraces." Others are bought in Holland, England, and America, and of dealers whose reputations stand highest. *I pay the price for quality and demand it.* Ask my customers.

Date of Delivery. While some varieties are ready earlier than October, there is no advantage—but a positive disadvantage—in planting so early in the season. On our coast it is well to wait until slightly cooler weather, and for the first rains, if they are not long delayed. This means that October and November are the best planting months. I have better facilities for keeping bulbs in good shape than my customers can have, and the shorter the interval between shipping and planting the better. Shipments will be made about October 5 to 10, with the exception of some items which are not ripe at that time. I strongly advise against planting later than January 1, except where noted.

Substitutions. I never knowingly send a plant wrongly labeled; but, unless otherwise instructed, when a variety is out of stock I will give better than its value in the nearest thing to it.

Order Early. Orders will be filled in the order of receipt. You may find certain varieties sold out if your order is too long delayed.

Large Quantities can be supplied at reduced rates. Send list of requirements.

My gardens, "The Terraces," have a favorable climate, an abundance of water, and a wide variety of soil, all combining to make an ideal garden spot. From the scenic standpoint it is probably the most unique garden in the world. By all means come to see it if you can. Let me know in advance when you will be here.

TULIPS

All the Tulips are very showy, and it is worth much trouble to have them at their best. In pots thay can be had by midwinter, while in beds they are at their best from March to May. The methods of culture used in the East and Europe are not adapted to California, and will seldom produce good results; but, by studying the peculiarities of our climate, very fine flowers can be grown with but little trouble.

Culture of Tulips in California

Situation of the Bed. If the bed is exposed to the sun the bulbs will be forced into a premature bloom with very short stems. To guard against this, choose a situation which is shaded at least one-third of the day,—half the day is better. The northeastern or northwestern corner of a building is best, but trees will give the same shelter. The bed must not be where sharp winds reach it.

Soil. Tulips prefer a light, well-drained soil, but can be grown well in any soil that is not mucky. If the soil is heavy, it should be underdrained with tiles, gravel or any other porous conductor, and the surface should be raised six inches.

Manure should be used. Well-rotted cow-manure is best. It may be spread on the surface an inch thick and dug in; or, better yet, applied as in mulching.

Distance Apart and Depth to Plant. Tulips will do well when planted 3 inches apart each way, or sixteen to the square foot. The standard distance is 4 inches apart each way, or nine to the square foot. It is a waste of space to give them more.

Fancy Beds are to be avoided. They are only fit for open spaces, and in California it is foolish to attempt them. A bed 3 to 4 feet wide, in the best situation, is much better. Plant in wide variety so as to prolong the season, and aim to have fine flowers for cutting rather than a mass-effect.

Shade. The best shade is one that is continually shifting so that the beds are in in the sun a while and the shade for a time. This is obtained best in the shadows of trees which are not closely planted, or often still better in the outer shade of deciduous trees which are not too dense, and where the light plays and changes.

Mulching. A mulch of rotted manure put on in the spring before the Tulips are through the ground is a most excellent thing. It keeps the ground from being packed and holds moisture to the top. It should be spread neatly over the bed.

Plant Early. Mid-October is the best time, November about as good; but further delay will be at the expense of the flowers. By no means plant later than January 1, or earlier than October.

Method of Planting. The best method is that used in the great fields in Holland. First, thoroughly spade and pulverize the soil and give drainage if it is needed. Then throw out the soil from a section of the bed to the depth of 7 inches. Put in a layer of manure an inch deep and cover with an inch and a half of soil. Set your bulbs 3 or 4 inches apart each way, and then cover them gently with top soil. Proceed in this way until the bed is planted, and then level with the remaining soil. As the bulbs are about 2 inches high, this will give them a cover of about 3 inches of soil. Do not use any manure that has not gone through

Shandon Bells and Golden Crown Tulips

TULIPS, continued

the first heating. In cold soils, plant an inch shallower. If the soil is heavy, put some sharp sand around the bulbs.

Watering. During the winter and early spring give only enough water to keep the bed moist; usually the rain is ample. As soon as flower-buds appear, water liberally until a few weeks after the flowering is over and then dry them off.

Digging the Bulbs when Ripe. A Tulip bulb is ripe when the leaves turn yellow. There is no need to wait until they are entirely dry. Late Tulips can be left in the ground from year to year, yet this is not the best practice, as they form many offsets and soon become crowded. Then the roots of trees and shrubs are apt to encroach on the bed, and annual planting allows one to cut them out. Still again the soil must be annually enriched if the best results are to be had, and cultivation to a good depth is a distinct advantage.

Method of Storing. All that is needed is to put the bulbs in bags or boxes in a dry place, and leave them there until proper planting time.

Gophers. Like the poor, they are always with us, and they like Tulips. In my gardens, with a frontage of a mile, we control them by trapping. It is hard to poison them in a garden because there is so much good food, and they store away the greater part of what they take. Some soft food, like carrots, parsnips, green corn, or raisins, with strychnine, is the best method of poisoning.

Gopher Fences. Here is a cheap way of fencing them out: Use wire mesh described in catalogues as ½inch-mesh poultry fence, 30 inches high. A ditch 30 inches deep is dug, the netting stood upright in it, and the soil then worked down on both sides and packed. A gopher very seldom goes below this depth, or runs along the top of the ground. For most purposes the gopher fence answers well.

Keizerkroon Tulip

Tulips in Boxes. If gophers are numerous, the bulbs can be planted in boxes 8 inches deep with soil as indicated. The boxes should be watered liberally, even in winter.

Tulips in Pots for Winter Bloom. The best time to pot is in early fall. The best soil for potting is a compost of two parts of garden loam to one part of well-rotted cow manure and one part of sharp sand. Use 5- or 6-inch pots, and first put in some broken pieces of crock with a little loose material to insure good drainage. For a 5-inch pot, use three to five bulbs, and for a 6-inch pot, four to seven. Plant so that the tip of the bulb projects, and water moderately. Put in a cool, dark place for five or six weeks until they are well rooted. This can be told by gently striking the side of the pot until the soil will slip out. If the pot is filled with a mass of roots, the bulbs are ready to bring to the light. Water moderately, and do not give full sunlight, but let them come on slowly in a window or cool greenhouse. If brought into a warm room the blooms will not open well.

The Best Varieties to Pot. Any early single Tulip will do. Chrysolora, Cottage Maid and Keizerkroon are especially fine. Late Tulips seldom do well in pots.

EARLY SINGLE TULIPS

In the East these large and brilliant flowers are grown by the million for spring blooming. We can grow them in pots here quite as well as they do, but in the open garden they are apt to be failures unless they have considerable shade and a cool exposure. I grow very fine, long-stemmed flowers of these in my own garden, and some of my customers who have followed my directions are quite as successful; but oftener we hear of failures in gardens, always through neglect to see that there is considerable shade (see **Shade,** page 1) and proper watering.

The varieties that I offer are among the tallest of this class, and are all well adapted to pot culture (see bottom of preceding page).

For forcing and pot culture these are the only Tulips to use.

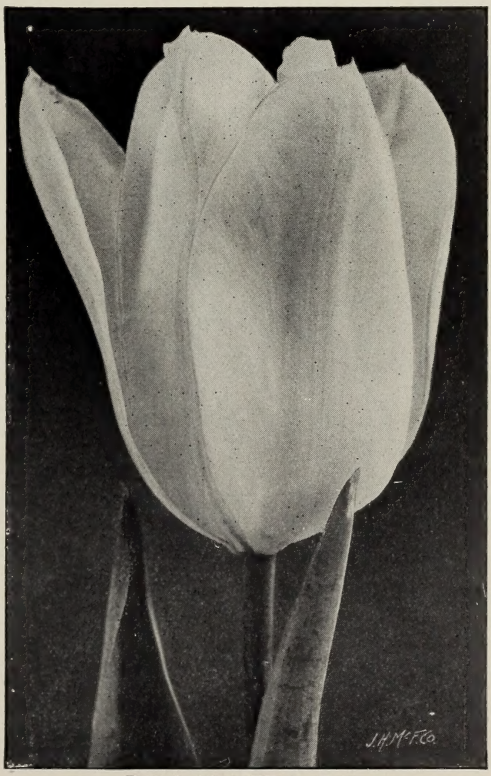
YELLOWS: Chrysolora is a large flower, not very long-stemmed, and one of the favorities for potting; **Prince De Ligny** (No. 2 on front cover) is a taller plant, and a little lighter yellow. Both are excellent, and the price is 3 cents each, 30 cts. per doz., $2 per 100.

WHITES: Pottebakker White is a very fine, large flower, but rather short-stemmed, while **White Swan** is so tall as almost to suggest a late Tulip, and lasts a long time. Pottebakker White for pots and White Swan for the open ground is a good division of the sorts. Prices same as above.

REDS AND SCARLETS: Sparkler, or **Cramoisi Brillant,** fairly dazzles the eye with its orange-scarlet flowers poised on long stems; **Prince of Austria** is also orange-scarlet, and a larger flower and sweet-scented. **Rembrandt** is scarlet, but tending more to glowing red, and wonderful in its intense colors. All pot well, and the price is 4 cts. each, 40 cts. per doz., $3 per 100.

YELLOWS AND REDS: A favorite in these colors is **Keizerkroon** whose picture on page 2 makes it outsell any other early Tulip that I offer. Look at the picture, and fancy the glowing crimson-scarlet center in striking contrast to the bright yellow rim. It is large, also, and one of the best potting Tulips. Just as beautiful and more lasting is **Duchesse de Parma,** in which we have the same arrangement of coloring but an orange-scarlet center, and an equally fine flower. Of the two I prefer the Duchesse. Keizerkroon is 4 cts. each, 35 cts. per doz., $2.50 per 100, while Duchesse de Parma is 3 cts. each, 30 cts. per doz., $2.25 per 100. **Cottage Maid** is a lovely rose-flushed white, and one of the favorites for potting. The price is 3 cts. each, 25 cts. per doz., $2 per 100.

TERRA-COTTA: Thomas Moore is a handsome flower. The color is fine terra-cotta, flushed with gold, it pleases every one. Price 3 cts. each, 30 cts. per doz., $2 per 100. See No. 3, front cover.



Pottebakker White Tulip

A Fine Collection of Early Single Tulips

For $2 I will send a collection of 100 Tulips, selected by me from above sets, giving ten each, all separately labeled. This will give a fine variety of color and form, and will be of great value to all interested in growing Tulips.

DOUBLE EARLY TULIPS

There are many Double Early Tulips, and while I have little use for most of them, **Murillo** is too good to pass by. It is a double Cottage Maid in soft rose-flushed white. The flowers suggest pond-lilies. Either in pots or in the garden it is charming, and it is very decorative when picked. 4 cts. each, 40 cts. per doz., $3 per 100. See No. 1, front cover. **Couronne d'Or,** a fine yellow, and one of the best for forcing, splendid double. Same price as Murillo.

PARROT TULIPS

This is a race of gorgeously colored Tulips, with very large flowers fancifully cut and slashed in the oddest way. They have short stems, and must be grown here like early single Tulips—with considerable light shade. Can be forced late without heat. **Mixed bulbs, all colors,** 3 cts. each, 30 cts. per doz.

Parrot Tulips

MAY-FLOWERING, or COTTAGE TULIPS

These splendid, long-stemmed Tulips, and the equally tall Darwins and their cousins, the Rembrandts, are late-flowering classes well adapted to California conditions. When a few points are carefully observed, they can be grown in wonderful perfection. In exceptional springs they do well in the open sun—such a spring was that of 1911; but more often hot days come early, and a light shade is essential to get all of the beauty they are capable of producing.

If your object is cut-flowers, and the bed is large, the best possible shade is a framework with movable laths. Next to that is the shade of deciduous trees which are in leaf at Tulip-time. Apples or other fruit trees are particularly good. Or a bed can be so planted that it gets intervals of sunshine at different times during the day, and the shadows of any sort of trees or of buildings at intervals. The famous Tulips at my gardens at "The Terraces" are shaded by young black oaks that just come into leaf at Tulip flowering time.

Again, if we would have the best, we must water liberally when the buds first show and until the flowers fade. I do not mean simply holding the hose on them a few minutes each evening, wetting the surface and leaving the under-soil half dry; but, at intervals of a few days, giving good soakings. I have found a mulch of half-rotted manure,

MAY-FLOWERING TULIPS, continued

put on before the Tulips come through the ground, a most excellent thing. When I want the finest flowers, I dissolve nitrate of soda to make a saturated solution and dilute it to one-quarter strength. This I sprinkle on the soil every few days as the buds swell, and wash in with pure water. Not all of this trouble is necessary to have good flowers, but the observance of each point improves them.

All late Tulips can be planted in the borders with perennials or low shrubs, if their situation is carefully marked so that they will not be dug into. But the best arrangement is to plant in beds 3 or 4 feet wide, and to lift, when ripe, each season.

COLLECTION OF LATE TULIPS

I make a collection of late Tulips consisting of ten bulbs each of ten named varieties, my own choice, from the following list. As I have included in this list none but most excellent varieties, the value given is most satisfactory, and I am happy to say that my customers have realized this and bought this collection most liberally. The 100-bulb lot, $2.25.

Gesneriana Tulips

In **REDS and SCARLETS** I offer **Gesneriana major,** which is really the very best of all Late Tulips. The color is a glowing scarlet, with a blue-black eye, and the stems are often 22 inches high. See No. 1, on back cover. **Fulgens** is clear deep red, with pointed petals, and it will be just as much of a favorite when it is better known.

Gorgeous is the only word for **La Merveille** (The Marvel); first orange-red and then a rare shade of red. Similar in color, but more like Major in habit, is **Gesneriana aurantiaca,** the orange Gesneriana, a grand flower; and **Macrospeila,** another form of Gesneriana, is deep blood-red, with showy black eye; in the sun no Tulip outshines it. The price of all these splendid Tulips is 3 cts. each, 30 cts. per doz., $2.25 per 100.

While I include it among the reds, **Le Reve** is a most exquisite pink, tinged with orange; I offer it at 8 cts. each, 80 cts. per doz.

YELLOWS: In yellows I offer four fine varieties. **Gesneriana lutea** is golden Gesneriana, although not quite so tall; for price see Retroflexa; **Parisian Yellow** (No. 4, see back cover) is perhaps the best yellow, and its price is 4 cts. each. 40 cts. per doz., $2.75 per 100. **Moonlight** is clear yellow. I sell it for 15 cts. each. **Bouton d'Or** is golden, tall, stiff-stemmed, and makes a fine color-mass when cut, although smaller-flowered than the others. It is cheap at 3 cts. each, 25 cts. per doz., $2 per 100. **Retroflexa** is a light canary-yellow, long-stemmed, large-flowered, and with reflexed petals. Both Retroflexa and Gesneriana lutea are 4 cts. each, 40 cts. per doz., $3 per 100.

SCARLET AND GOLD: The preceding Tulips have all been in solid colors. **Golden Crown,** with a body of rich yellow, penciled with scarlet, finally becomes a sort of old-gold throughout. It is not a tall sort; I sell it at 3 cts. each, 25 cts. per doz., $2 per 100.

WHITE AND SCARLET: Still prettier is **Picotee,** which opens light cream, lightly penciled with scarlet, and becomes pure white suffused throughout with pink and scarlet. 3 cts. each, 30 cts. per doz., $2 per 100. See No. 3, back cover. **Dame Eleganti** is another, a superb Tulip, pure white, slashed through with scarlet irregularly, tall and brilliant. My price 40 cts. per doz., or $3 per 100.

BROWN AND VARIEGATED: The **Bizarres** are really forms of Darwin Tulips, having a dark mahogany-brown, richly striped in other shades. They correspond in brown to the Rembrandts in lighter colors. These are 3 cts. each, 25 cts. per doz., $2 per 100.

Darwin Tulips

GIANT DARWIN TULIPS

The Darwin Tulips are May-flowering Tulips, but in a class by themselves. They used to be called Breeders, and were badly neglected; but the wonderfully fine varieties brought out during the last fifteen years have pushed them to a front place. With broad cups of large size, on stout and very tall stems (some are 30 inches high), they have great lasting qualities, and whether in beds or vases they always attract attention. At first the cup is incurved, but day by day it becomes broader until the petals spread out flat and are as much as 10 inches across. The colors are simply wonderful in variety.

Special Culture. The directions given for May-flowering Tulips **must be followed carefully** if it is desired to have such grand flowers as Darwins are capable of giving. The shade, the abundant watering when flowering, and the added fertilizers are necessary. I supply exceptionally fine bulbs, but my customers must coöperate by giving the care.

NAMED DARWIN TULIPS

In the set of Darwin Tulips following, every one is tall, with large flowers of fine shape and superb coloring. The most expensive varieties to be found in any other catalogue will not average finer varieties of colors. I place all at the low price of 5 cts. each, 50 cts. per doz., $3.50 per 100, except where noted, and, as this includes delivery, it is the best value offered in America.

In white, **Painted Lady,** a creamy white, and **Wedding Veil,** pure white. In soft pink, **Calliope** and **Baronne de la Tonnaye,** both superb. In soft blush-pink, **Gretchen** or **Margaret,** exceeded by none in delicacy. In brilliant rose, **Gustave Dore** and **Lenotre,** both very fine. In glowing scarlet, **Glory** and **Orion,** both extra fine. In glowing, dark red, **Pieneman** and **Ripperda,** superb. **Bartigan,** rich red, very large. In deep velvety brown, red **Donders** is one of the prime favorites. If almost black is wished, **Cetewayo** and **Fra Angelico,** grand flowers both. In lavender-blue, I offer the very fine **Goliath,** and in the darker violet the superfine **Archimedes.** In still darker violet, approaching brown, **Auber.** In reddish black, **Von Jehring** is very nearly black, and a splendid color. In reddish lilac, **Palisa** is not excelled.

In blue, **Bleu Celeste,** but at 7 cts. each, 75 cts. per doz.

In soft heliotrope-lilac none excel **Circe** and **Rev. H. Ewbank,** but the latter is 7 cts. each, 75 cts. per doz., $6 per 100.

Superb Collections of Fine Named Darwin Tulips

My grower in Holland puts up very fine collections of **Named Darwin Tulips.** He gives a wide range of colors, very fine varieties, and large bulbs. Better value cannot be given for the money. Bought separately, they would cost far more. 10 very fine sorts, 10 cts. each, or 100 bulbs for $2.75. One of each sort, not named, 10 bulbs, 35 cts.

Valuable Mixture Collections That Are Full of Surprises

In my garden, with its wonderful collection covering all sorts of Tulips and fully three hundred varieties, some get into mixtures every year. Among these are many of the very finest, some sorts that are worth ten cents each and more. I will give a general mixture at $1.50 per 100. This will be full of surprises.

DARWIN MIXTURES. Even greater value, for in a hundred bulbs there may be twenty sorts. They are surely fine, and at $1.50 per 100 are very cheap.

SOME RARE LATE TULIPS

The most magnificent beauties are included under this heading. From my large collection I now offer some varieties of merit that are seldom seen in our gardens. They are as easily grown as the commoner sorts, and they give charming variety. **Billetiana** is a light yellow Tulip most beautifully suffused with bright red. It is both showy and delicate; my price is 40 cts. per doz. **Cornuta** is the Horned Tulip, and a very odd type. The petals are only long threads of yellow and red; the price is 40 cts. per doz. **Didieri** reminds one very much of the Mariposa Tulip with its soft brown-yellow flower that has a rich eye in the center. Both it and its white form are 40 cts. per doz.

Those who like the glorious Tulipa Gesneriana will appreciate **Gesneriana oculata,** which is the same flower in a clear rose with white eye. These are 50 cts. per doz. In **Inglescombe Scarlet** we have one of the largest and most brilliant of Tulips; 75 cts. per doz. **Inglescombe Pink** is just as beautiful, in its own color, and comes at the same price. **Oculus-solis** is very early, strikingly brilliant and showy, in scarlet. 60 cts. per doz. **Mauriana** (See No. 2, back cover) is a wonderfully rich clear red, tinted orange, and **Caledonia** has more of a coppery red. Both are fine, both are worth 50 cts. per doz. **Shandon Bells** is low-growing, with very large flowers of yellow rayed with red (See cut on page 5), my price, 75 cts. per doz. **Virginalis** is white, a little rayed and suffused with purple and red; dainty and pretty; price, 50 cts. per doz.

Gesneriana Tulip

DAFFODILS

You couldn't possibly plant too many of these splendid spring-flowering bulbs. They are perfectly hardy, are as easily grown as onions or turnips, need hardly any watering, no care after they have flowered, and are not troubled by rats or gophers. They give a liberal bloom when flowers are most prized, in early spring, and for cut-flowers are unexcelled. Plant a few dozen, if you can do no more; hundreds if you can, and, if your purse will allow you, plant beds of thousands. Rest assured that you can buy no spring-blooming bulbs which will give greater satisfaction. I grow many Daffodils, and my customers say that they cannot get better ones elsewhere. My entire assortment was selected with the aid of the first Daffodil-growers of the world, and even then I have dropped many varieties that I have tested.

Culture of Daffodils

In California, Daffodils will grow in any soil. The soil which best suits them is a rich loam with abundant moisture during the winter and which gets dry in the summer. Dig the ground up deeply and thoroughly, and then let it settle a few weeks before planting. Do not use fresh stable-manure. The best fertilizer available here in California is crushed bone, at the rate of one and one-half ounces to the square yard. With

Sir Watkin Daffodils]

this, sulphate of potash can be used at the rate of three-fourths ounce per square yard. Daffodils are especially fond of lime, and a sprinkling of quicklime on the soil before it is dug is of advantage.

Planting and Lifting. The best time to plant is with the first rains, although little difference will be noticed in planting up to November 1. After that date the bulbs lose by being kept out of the ground. The bulbs may be left undisturbed for years, but it is better to lift them and reset every second year, and, with the exception of the various forms of Poeticus, there is some gain in lifting every year and replanting at once. The bulbs produce offsets, and become too crowded in three years to do well. Plant the Poeticus varieties with liberal space, and do not move until crowding makes it necessary.

Depth to Plant. The average depth to plant is from 2 to 3 inches. Better less than more. A safe rule is to cover one and a half times their height.

Shade. All Daffodils prefer light shade. In California we should select a cool situation if the soil is light, and much finer and longer stems will be had when they are shaded from one-fourth to one-half the day. This does not mean that the bulbs will not thrive quite as well in sun as in shade. Excellent results can be had by planting Daffodils in groups among shrubs or hardy perennials.

Watering. Daffodils like much water when growing. If the ground is kept almost wet until after blooming time, they will be all the better. Some varieties will grow well on the banks of streams or ponds.

NARCISSI, DAFFODILS, JONQUILS

The difference between Daffodils, Narcissi and Jonquils is this: Narcissus is the botanical name of all of the plants of this group, whether they have large flowers with trumpets like Emperor and Golden Spur, small flowers like the Poeticus, or two or more flowers on a stem as in the Jonquils, the Chinese Lilies and their European sisters. All are Narcissi, alike. A Daffodil is a Narcissus with a single flower on a stem, whether with large or small trumpet; Jonquils are Narcissi with two or three shallow, cupped flowers of a pleasing yellow, and quite fragrant. The Jonquil comes from juncus, or rushes, because the leaves resemble that plant. Polyanthus Narcissi are all of the sorts which, like the Chinese Sacred Lily, have the flowers in bunches. The Polyanthus class is the most common of the family, and probably the most variable; they are not so hardy as the others, and need a little more attention—but they are worth it.

Narcissus, Empress

Daffodils with Long Trumpets

These are the great favorites among Daffodils, and are grown in immense numbers, both in the garden and pots. All are fine as cut-flowers, and the first to come into flower is **Golden Spur, the yellow Daffodil,** a rich, solid yellow. Later comes **Emperor** with a much larger flower, in a lighter but very pleasing yellow; while **Empress** (see picture, above) is in two colors, the trumpet being yellow, perianth white. **Victoria** resembles Empress, but is made pleasingly distinct by a broader trumpet; **Grandis** flowers after the others are all gone, and is much like Empress, but a paler yellow. All are among the flowers best worth growing, and at the same price for good bulbs—5 cts. each, 50 cts. per doz., $3 per 100.

Of Emperor, Empress and Golden Spur I have smaller bulbs, also solid and sure to give fine flowers, at $2 per 100. At that price you can afford a good bed. These are the three sorts of which you want plenty.

Like a giant Golden Spur is **Glory of Leyden,** one of the largest of all Daffodils. It is worth 15 cts. each, or $1.50 per doz.

J. B. M. Camm is an exquisitely beautiful flower of a pale cream-color, and well worth 6 cts., or 60 cts. per doz.; buy a dozen, but not more. **William Goldring,** the Swan's Neck Daffodil, is a most distinct and graceful flower in pure white. 5 cts. each, and 50 cts. per doz.

Daffodils with Cup-shaped Trumpets

I am rather partial to these. With the exception of Sir Watkin, they lack the size of the previous section, but the stems are long, the flowers gracefully poised, and, to my liking, they make much better cut-flowers. Take either a few flowers and some of their own leaves for greenery, or many flowers without leaves, and you have delightful bouquets. Then, too, there is no sameness in their forms. Each has some little individuality that endears it to you.

Barrii conspicuus, for instance, has a canary-yellow flower illuminated by a scarlet cup, and is very long-stemmed. It lasts long and becomes almost white, and its great merit is its adaptability to naturalizing. I know of no Daffodil that will take care of itself longer with less care. Just notice the very low price for this purpose on page 11. Fine flowering bulbs at 3 cts. each, 25 cts. per doz., $1.50 per 100.

DAFFODILS WITH CUP-SHAPED TRUMPETS, continued

Cynosure, too, is a good thing, and the flowers are light yellow, the cup just edged scarlet. See picture below. Its price is the same as the preceding variety, but for naturalizing I make a lower price.

If you want something really fine get **Stella superba,** with its large, star-shaped flower. Its rim is white, its cup yellow, and it lasts a very long time. 5 cts. each, 50 cts. per doz., $4 per 100; but it is worth it.

Sir Watkin is in a class by itself. It is about as large as the giant long trumpets, and is a great, light yellow wheel. Some of the flowers are 5 inches across. See illustration, page 8. It is also known as the "Welsh Giant," and can be had for 4 cts. each, 40 cts. per doz., $3 per 100, with smaller, but good, bulbs at $2 per 100.

When I want to send a friend Daffodils that I know will please, I send a good bunch of **Mrs. Langtry.** Somehow our Californians do not seem to have discovered this fine flower, which has every Daffodil virtue. The flowers are of fair sizes, and at first a rich creamy white, just tinted with gold. Later they become pure white. They are most beautifully formed and very lasting. Like Barrii conspicuus, the plant takes care of itself and naturalizes easily in fair soils. They are very cheap at 3 cts. each, 25 cts. per doz., and $2 per 100, and if you wish a few thousands I will make them much cheaper.

Katherine Spurrell can only be described by one word and that is "exquisite." The fully rounded flower is pure white and of a satiny texture, and I know of no more lovely sort. 6 cts. each, 60 cts. per doz.

It has been the ambition of every Daffodil producer to breed an all-red flower, and **C. J. Backhouse** is as near as they have arrived. A little under size, the flower is deep yellow, suffused throughout with scarlet. It is really well worth having, and the price of 4 cts. each, 40 cts. per doz., is reasonable.

Poet's Narcissi and Jonquils

These are entirely distinct from the previous classes, and favorites with all flower-lovers. One hardly knows which he loves best of these lovable sorts. Both are superb for naturalizing and planting among shrubbery.

Narcissi incomparablis Cynosure

Jonquils have three great merits: First, they are among the very earliest flowers to bloom and do well either potted or in the garden; and next, they have a rich yellow color; and last, a very pleasing fragrance. They are flowers that every one should have in hundreds, and the clumps can stay for years and will flower freely each year. Buy at least a hundred.

There are two sorts. **Jonquilla Campernelle** is small-flowered, with several flowers to the stem. This is the variety sold so cheaply by all dealers, and the one most seen. I sell these at 2 cts. each, 15 cts. per doz., $1 per 100. For **Jonquil Rugulosus,** which is far larger and finer, I ask 25 cts. per doz., $1.50 per 100.

Poeticus ornatus is my choice among the Poet's Narcissi. It is most charming with its pure white flower with scarlet cups. It is fragrant and early flowering, and still better, it is among the surest of all bloomers. Few bulbs fail to give a flower, while many give two, or even three. Among florists it is the one Daffodil that is always wanted, and it naturalizes well. My price for very fine bulbs is 2 cts. each, 20 cts. per doz., and

POET'S NARCISSI, continued

$1.25 per 100. I can supply smaller but excellent bulbs at $1 per 100, and bulbs for naturalizing still cheaper. See below.

The old **Poet's Narcissus,** known better now as **Poeticus of the Gardens,** is a very fine flower. The stems are stout and tall, the flowers large and very fragrant, and it is a late bloomer, coming after the main crop of Daffodils is gone. If it would only flower more reliably, it would be ideal, and, as it is, no Daffodil is more esteemed and possibly none is better for either cutting or naturalizing. It needs a heavy soil and abundant moisture, and if well grown about 75 per cent of old bulbs flower. Large bulbs of the very best quality at 2 cts. each, 20 cts. per doz., $1.25 per 100. Good bulbs at 2 cts. each, 15 cts. per doz. 75 cts. per 100. See Naturalizing, below.

Poet's Narcissi

HYBRIDS AND IMPROVED SORTS of Poet's Narcissi are now offered and highly praised. I have grown some of the best but fail to see the value.

Poet's Narcissi are not at their best the first year. They get better with age. They are perfectly hardy, and are among the very best varieties for naturalizing in meadows, on lawns, or along the banks of streams.

Double Daffodils

Daffodils are flowers that I have never felt were improved by doubling, but a few double sorts are valuable. Among these **Van Sion,** with its deep yellow flowers, is the best, but its flowers too often have a tinge of green. **Sulphur Crown,** or **Sulphur Phœnix,** is a lovely flower of a pale silvery white. **Orange Phœnix** is the freest flowering of these, and the flowers are a silvery white, with deep orange petals interspersed underneath. These three sorts at 5 cts. each, 40 cts. per doz., $3 per 100, in the best of bulbs.

If only one could flower it reliably, the **Double Poet's** would be a great favorite. It is a double of the **Poeticus of the Gardens,** very lovely and very fragrant, well worth a try, yet often blighting. My price is 3 cts. each, 30 cts. per doz., $2 per 100.

Mixed Daffodils

In a large garden bulbs will get mixed, and often the finest sorts are among the accidental mixtures. My Mixed Daffodils are a most unusual bargain at 30 cts. per doz., $1.50 per 100, $12.50 per 1,000.

Daffodils for Naturalizing

While all sorts will grow in this way, the smaller-flowered sorts look more in keeping. The great trumpets, like Emperor and Empress, do not look wild enough, but the Barrii conspicuus, Cynosure, Poeticus, and even the small, rich, yellow trumpets of Obvallaris look as if they belonged there. I offer good bulbs for the purpose; not the largest, but giving excellent flowers, and all of flowering size.

Sir Watkin, $2 per 100, $15 per 1,000.

Barrii conspicuus. $1 per 100, $8 per 1,000, $60 per 10,000.

Poeticus of the Gardens. 60 cts. per 100, $5 per 1,000, $40 per 10,000.

Poeticus ornatus. 80 cts. per 100, $7 per 1,000.

Cynosure. 90 cts. per 100, $7.50 per 1,000.

Obvallaris. A golden yellow, small trumpet, very effective in grass. $1.25 per 100, $10 per 1,000.

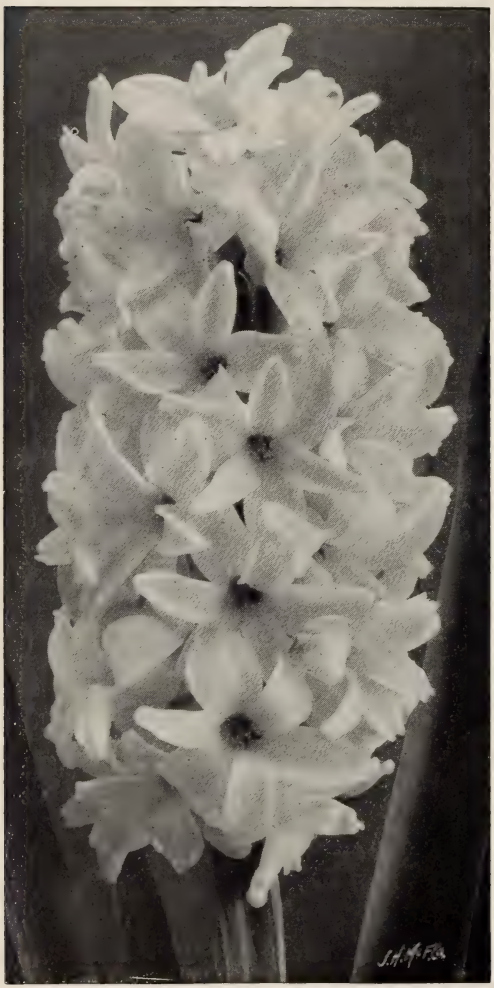
HYACINTHS

No winter-flowering bulbs are more esteemed than these beautiful things, which combine a wax-like texture with clear colors and exquisite fragrance. They can be grown out-of-doors here if the bed is shaded a part of the day, and for this purpose the cheap bulbs, merely to color, are quite good enough. They should be planted about 6 inches apart each way.

For flowering in pots the second-size bulbs produce most excellent flowers, and are as good as most growers sell, but if very fine flowers are wanted the first-size bulbs are the best.

All Hyacinth bulbs are especially grown for forcing. They never do as well the second year, and if grown in pots are useless for another year. New bulbs should be bought every fall.

For indoor blooming the bulbs should be potted in early fall. A compost of two parts loam, one part sand and one part well-rotted manure is the ideal soil. Usually three bulbs are put in 6-inch pots, first putting in some pieces of broken stones to insure drainage. The bulbs should be set so that the tips are just above the soil. Water thoroughly and set in a cool, dark place for six or seven weeks until the bulbs are well rooted. Do not bring the bulbs into the full sunlight at first, but let them come on slowly in a shaded window. By potting the bulbs at intervals of two or three weeks, and using care in bringing them into the light, you can have a succession of bloom for several weeks.



Baroness Van Thuyll

For pot culture I offer very fine named bulbs in two grades. The seconds are as good as most dealers sell, while the firsts are fancy. Because double Hyacinths are not nearly so satisfactory, I offer only singles. First-size bulbs, 15 cts. each, $1.50 per doz. Second-size, but still fine, bulbs, at 8 cts. each, 80 cts. per doz.

In pure white I offer **Baroness Van Thuyll,** while in white, tinged pink, I have the beautiful **Plimsoll.** In red, **Gertrude,** with pretty bell-like flowers, which are carmine-rose, while in deep rose I offer **Robert Steiger. King of the Blues** is a grand flower in glossy indigo-blue, while **Marie,** is shaded purple and **Capt. Boyton** is a light blue. In yellow I have **Ida,** a light canary-yellow, and it pleases every one.

Smaller and Cheaper Hyacinths for Planting in Beds

These are really very satisfactory and produce quite nice flowers. They are not named, but colors are separate—white, dark red, pink, dark blue, or light blue. These are cheap at 50 cts. per doz., $4 per 100. Plant as you would Tulips.

THE IRISES

JAPANESE IRIS

German Iris

Gloriously beautiful plants are **Japanese Irises.** At their best, stems 4 feet tall rise from a mass of grassy leaves, and bear at their tops flowers as much as a foot across. The colors are delicate and the texture of the flowers like silk.

These are my varieties: **Apollo,** pure white with pink center; **Blue Danube,** double, deep indigo-blue, center violet shading to yellow; **Frate,** double silvery white, veined and shaded with lilac, center deep lilac; **Helen Von Siebold,** reddish purple with white veins and a yellow center; **Oriole,** double, rich plum-color shading deeper toward the center, and brightly marked with yellow; **Pyramid,** also double, lilac-blue, center of each petal shaded white; **Robert Craig,** a delicate French gray with violet veins, most charming; **Topaz,** single, reddish amaranth throughout; **T. S. Ware,** reddish violet, veined white, and white centers with some lemon markings; **Victor,** white, veined violet-purple, pure violet-purple center.

I have them in mixture at 20 cts. each, or $1.50 a dozen. Strong plants of named varieties at 25 cts. each, or $2 a dozen.

Plants can be set out from August to March. Where plenty of water is available, September planting is the best. They do well on the edge of ponds, running streams or ditches, and will grow under several inches of water. Heavy feeding and plenty of water during the growing season are necessary.

On dry hills plant in rows 3½ feet across and a foot apart in the row; the plants about 3 inches above the trough between the rows. Give a dressing of nitrate of soda and bone meal when planting. Mulch with manure in spring. The ground should be kept well cultivated, and do not allow it to become hard or baked. The plants will grow in almost any soil, if it is made fairly rich, and the roots supplied with moisture during the summer. A garden cannot have too many of these splendid flowers; and best of all, the roots will increase from year to year.

GERMAN IRIS

The **German Iris** is one of the very best flowers that the garden can hold. Everybody knows the older sorts under the name of **Flag Lilies,** or **Fleur-de-lis,** but few know the lovely new sorts, either in dwarf or tall. They offer a great opportunity for grouping in colors and are most easily grown. I have unnamed bulbs in white, blue or purple at 10 cts. each, $1 per dozen and $5 per 100. Or I will put up sets of twenty-five of the finest sorts, one each, unnamed, for $3, (with names, $5 for the 25).

Purdy's Blue is a light blue, very sweet-scented sort and a fine thing. Price 20 cents each. **Purdy's Fall-flowering** has purple flowers in the autumn; 25 cts. each. **Princess Beatrice** is a giant among Irises of this class, and will grow to 4 feet in height, with lovely, light blue flowers. These are 25 cts. each. These Irises will grow in either dry or wet soils, sun or shade; yet, in rather good soils, with moderate moisture, they do their best. They get rather too dense in a few years, and should be reset about every third year, in August. Plant new bulbs before Christmas, at the latest.

It is well to alternate with **Montbretias,** and later you will have a wavy mass of orange-scarlet. Montbretias thrive under the same treatment as Irises. Of these we offer 100 bulbs in 10 fine varieties for $2.50, or a fine mixture at $1.50 per 100.

MOURNING IRIS

The Mourning Iris, as **Iris Susiana** is called, is a bulbous Iris with large bluish flower veined with brown, and so odd as to attract attention wherever it is grown. The bulbs are handled dry, and must be planted before Christmas, if possible. I sell them at 20 cts. each, or $2 per dozen.

SPANISH IRIS

The large flowers have very clear coloring, and are borne at the top of long, stiff, but slender, stems. Few flowers combine more good points, either for cut-flowers or garden decoration, and luckily they are very cheap. The colors range from the darkest blue to pure white, clear yellow, and have many marvelous combinations of stripes and splashes of color. These Irises have been known in America for only about ten years.

CULTURE. They do best in a thoroughly worked light or fairly heavy loam, and indeed do better in adobe than in lighter soils. Plant about 3 inches deep and water freely until after flowering. Light shade helps, but dense shade is a detriment. They do not need to be lifted for several years, and they flower more freely each season.

I offer two mixtures: **Trade Mixture.** This is put up in Holland and is good. The bulbs are fair, and the varieties of an average; most of them are from the best named sorts, but the bulbs are not large size. Price, 15 cts. per doz., 75 cts. per 100, $6 per 1,000.

Purdy's Superb Mixture. I make this up myself by using equal quantities of the finest named sorts. It saves me the trouble of labeling and wrapping a lot of parcels, and it gives you the finest quality at a lower rate. 20 cts. per doz., $1 per 100, $9 per 1,000.

Spanish Iris

English Iris

Named Spanish Irises

In these I buy bulbs of unusually high quality, and of the best standard varieties. No better can be bought.

In yellow, **Chrysolora,** early and large; **Cajanus,** late and tall. In blues, **Alex. Von Humboldt,** and the dark blue **Darling.** In white, **Belle Chinoise** and **Blanche Superbe;** also **Louise,** in white and dark blue; **La Tendresse** is white, tinged yellow; **Snowball** is white, tinged blue. All at 20 cts. per doz., $1.25 per 100, $10 per 1,000. 500 at 1,000 rate.

ENGLISH IRIS

The English Irises are too little known. Like their cousins, the Spanish Irises, the bulbs can be handled dry, and also like them, they prefer an open situation and

ENGLISH IRIS, continued

rather heavy and moist soil, though they will grow anywhere. The beautiful drawing by Mr. Valentine on page 14 well shows their beauty. The glorious flowers, much larger than the Spanish Irises, come in all shades, from blue to white, with many exquisite lavenders. I sell mixed bulbs for 30 cts. per doz., or $1.25 per 100.

TWO OTHER GOOD IRISES

Iris ochroleuca, otherwise known as *Iris orientalis*, is a truly noble plant which stands 3 to 4 feet high, and bears large, cream-colored flowers. It will grow in any good garden soil, and will do well at the water's edge. Good strong plants, 25 cts. each.

Iris Sibirica is almost unknown in Californian gardens, but well worth knowing. It forms strong masses not unlike the larger-growing wild Irises, and the fine, deep blue or white flowers are borne well above the leaves. They should have a rather moist soil and should not be disturbed often. Strong plants, 15 cts. each, $1.25 per doz.

GLADIOLI FOR FALL PLANTING

Small-Flowered Early Sorts

All of this class are most satisfactory for beds or for cutting. They should be planted by the hundreds. Words fail to tell how handsome they are, with their long spikes and richly colored flowers of white, red and pink. As I watch them unfold their beauties I feel that I would like to have all my friends know and grow them.

CULTURE. They like light and loose soil, and demand plenty of water before and during blooming period, and to be dried off about a month after flowering. They can remain in the ground if reset every second or third year. The bulbs of The Bride, Nanus and Ramosus should be planted about Christmas.

Colvillei is a rich red, prettily marked, and is the original from which the Bride sprang. The pure white **Bride** is the florist's standby and a splendid flower. **Blushing Bride** is pinkish and as good, while the exquisite little **Nanus** in its various shades of white and pink is simply delightful. Do not fail to buy some. Quite different is **Ramosus,** a much-branched species with richly marked flowers in shades of red, the spikes often 2 to 3 feet high and splendid for large bouquets. It is new and good.

I sell **Colvillei, Bride** and **Blushing Bride,** at the same price, 25 cts. per doz., $1.25 per 100; **Nanus** mixed is 40 cts. a doz., $2.50 per 100; **Ramosus** is 50 cts. per doz., $3 per 100.

The Gladiolus is one of the finest flowers for cutting that I know of. The long spikes, with their daintily colored flowers, are really unequaled for decorations. If the spikes are cut when the first flowers open they will keep for a week or more in water, and day by day the buds will open until the long stem is aglow.

Gladiolus nanus

Summer-Flowering Gladioli

For these I refer you to my Hardy Plant Catalogue. I deliver in either spring or fall, but recommend spring planting.

Various Bulbs for Fall Planting

ANEMONES. These very fine plants do well about San Francisco Bay, and are great favorites. They are planted in the fall or early winter and flower profusely in spring. The colors are bright and they are excellent for cutting. I can offer a fine mixture of extra-choice kinds, both single and double, at 25 cts. per doz., $1.25 per 100.

Double-flowered: Ceres, white; **Couleur de Sang,** blood-red; **King of the Blues,** blue, white edged; **Lord Peel,** dark blue. All at 40 cts. per doz. **King of Scarlets,** brilliant scarlet, sells for 60 cts. per doz.

Single-flowered: Maria Cornelia, white with pale blue center; **Scarlet Brilliant,** red; **Proserpine,** pale purple; **The Bride,** pure white. All at 30 cts. per doz.

Anemone fulgens is an entirely different class, with single, brilliant scarlet flowers, Heavy roots at 3 cts. each, 30 cts. per doz. Double Fulgens at same price.

CHIONODOXA Luciliæ. Glory-of-the-Snow. A pretty, early-blooming plant with light blue flowers. 30 cts. per doz. for large bulbs.

CROCUS are among the very earliest of spring flowers, and most pleasing either in pots or in the open ground. I have not seen them successfully naturalized in grass, but they do well mixed with tulips, Spanish irises or anything but narcissi. They make a pleasing ground-cover. I have them in white, light blue, dark blue, and purple, at 15 cts. per doz., 75 cts. per 100, $6 per 1,000. Or I will sell mixed bulbs at 12 cts. per doz., 60 cts. per 100, $4.50 per 1,000. Plant liberally.

IXIAS. These are small plants with very pretty flowers borne freely on long slender stems. They come in shades of white, red, scarlet and yellow, and are excellent cut-flowers. They like a warm situation, good drainage and prefer a light, warm soil. I make a mixture of ten fine varieties for 25 cts. per doz., $1.25 per 100.

MONTBRETIAS. See page 13.

MUSCARI, or **GRAPE HYACINTHS. Heavenly Blue** is the best of the Grape Hyacinths, the bluest of blues, and is a delightful little flower. I have a thousand of these dotting a slope with light green carpeting, and the result is exquisite. In smaller numbers, or in pots, they are just as fine. 25 cts. per dozen.

Plumosus is the **Plume Hyacinth** and very different with its odd purple flower, more like a feather than a flower, 3 cts. each, 30 cts. per dozen.

ORNITHOGALUM Arabicum is well worth growing. The stems are a foot or so high, rather stout, and bear a raceme of white flowers with strongly contrasting black centers. It forces or grows in the open. The bulbs are worth 5 cts.

RANUNCULUS. Showy little flowers, as double as roses, fairly covering the plants, the colors brilliant. While hardy, they need loose, rich soil. All colors mixed at 15 cts. per doz., $1 per 100.

Crocus

SNOWDROPS are among the sweetest of the little bulbs. Among them **Elwesii** is considered best, and I price it at 20 cts. per doz., $1.25 per 100.

SPARAXIS are cousins of the gladioli and ixias, with very bright flowers, and need the same culture as ixias. The common sorts are 8 inches to a foot high, and well worth growing. Of them I offer a very fine mixture at 20 cts. per doz., and $1.50 per 100.

SPRING SNOWFLAKES are not half well enough known. One customer had a plant in flower. The next season the neighborhood surprised me by calling for more of the bulbs than I had. White flowers. 3 cts. each, 30 cts. per doz.

SCILLA bifolia is another low-growing, bright-flowered, early spring bloomer that is well liked. I can supply the bulbs at 20 cts. per doz., and my price for the larger flowered **Scilla Sibirca** is the same. Both naturalize well.

TIGRIDIAS. I offer these in my Hardy Plant Catalogue for spring planting.

WATSONIAS are so closely related to the gladiolus that the leaves would be confused, but the pure white flowers are more like large freesias. They are excellent for cutting. 15 cts. each, $1.50 per doz.

I ISSUE THE FOLLOWING ADDITIONAL CATALOGUES

My book **"Flowering Hardy Perennials"** describes the Perennial Plants, California Ferns, and Bulbs for Spring Planting. This catalogue is issued in midwinter.

"Bulbs and Wild Flower Seeds of California" describes all native plants in these classes. This list is issued every second year, in August.

"Bulbs for Fall Planting" describes Lilies and some new Hardy Plants.

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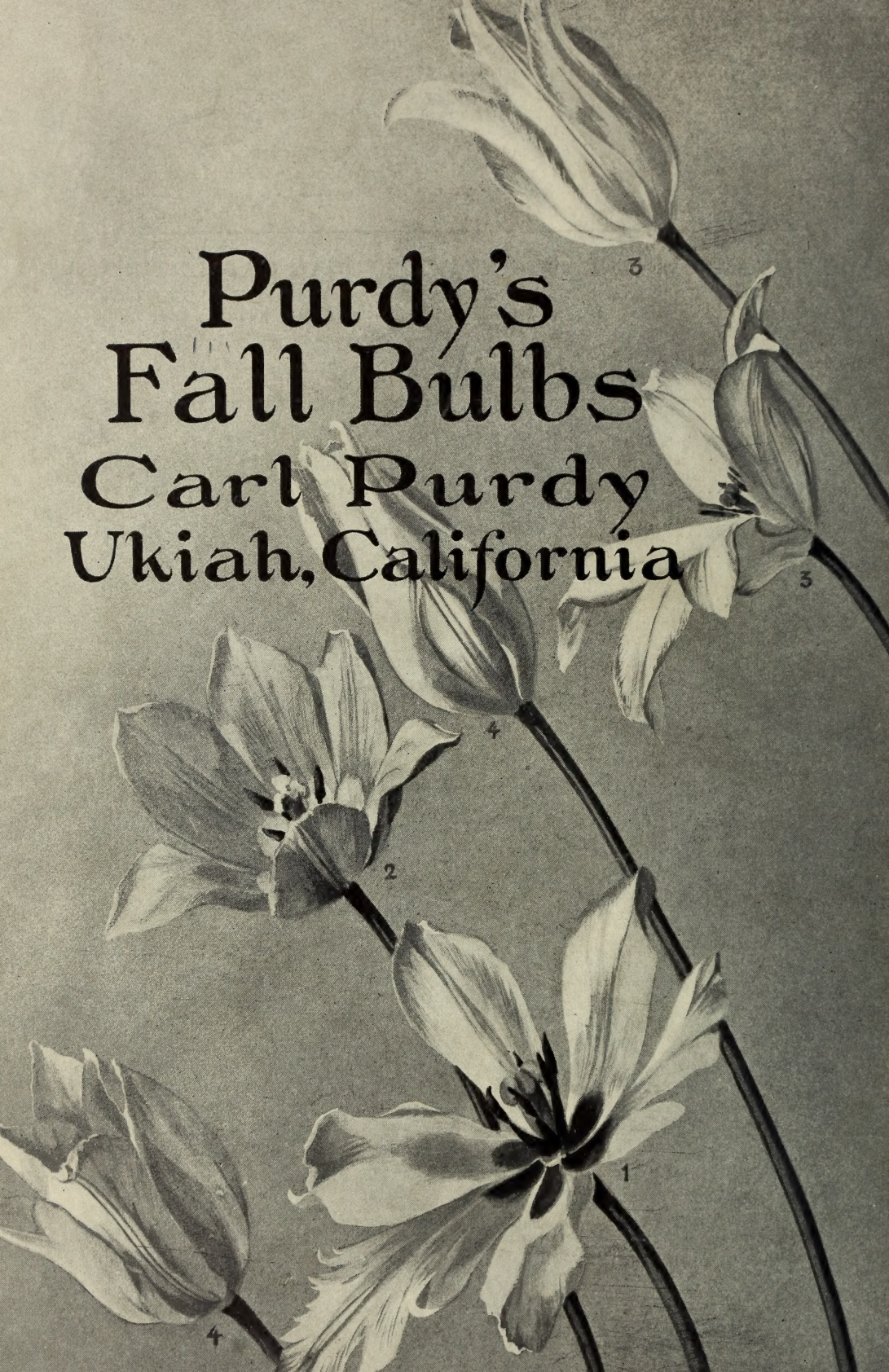
Crocus—The Earliest Flowers of Spring

The McFarland Publicity Service, Harrisburg, Pa.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